

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
23 June 2005 (23.06.2005)

PCT

(10) International Publication Number  
**WO 2005/056574 A3**

(51) International Patent Classification<sup>7</sup>: **A61K 38/00**,  
35/12, 39/00, C12N 5/02

(21) International Application Number:  
PCT/IL2004/001115

(22) International Filing Date:  
9 December 2004 (09.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/527,763 9 December 2003 (09.12.2003) US

(71) Applicant (for all designated States except US): **YEDA  
RESEARCH AND DEVELOPMENT CO. LTD.**  
[IL/IL]; at the Weizmann Institute of Science, P.O. BOX  
95, 76100 Rehovot (IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **EISEN-  
BACH-SCHWARTZ, Michal** [IL/IL]; 5 Rupin Street,  
76353 Rehovot (IL). **KIPNIS, Jonathan** [IL/IL]; 3/1  
Nahar Hayarden Street, 71700 Modiin (IL).

(74) Agent: **BEN-AMI, Paulina**; Ben-Ami & Associates, P.O.  
BOX 94, 76100 Rehovot (IL).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- with international search report
- before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
amendments

(88) Date of publication of the international search report:  
16 February 2006

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND VACCINE COMPRISING COPOLYMER 1 FOR TREATMENT OF PSYCHIATRIC DISORDERS

(57) Abstract: Copolymer 1, a Copolymer 1-related peptide, a Copolymer 1-related polypeptide, and T cells activated therewith  
are useful in methods and compositions for treatment of psychiatric disorders, diseases and conditions.

WO 2005/056574 A3